

Title (en)
Rechargeable battery

Title (de)
Wiederaufladbare Batterie

Title (fr)
Batterie rechargeable

Publication
EP 2669969 A1 20131204 (EN)

Application
EP 13161722 A 20130328

Priority
• US 201261653896 P 20120531
• US 201213618505 A 20120914

Abstract (en)
A rechargeable battery comprising: an electrode assembly, a protection circuit assembly, a liquid electrolyte and a case, said protection circuit assembly (20) being an insulated assembly and comprising a circuit board (21), wherein said protection circuit assembly (20) is connected to said electrode assembly (10) and the case accommodates said electrode assembly (10) and said liquid electrolyte the protection circuit assembly (20) sealing an opening in said case (30), the rechargeable battery further comprising a hole (70, 270, 470, 570) through said protection circuit assembly (20) for introduction of said electrolyte into the case (30), wherein the hole (70, 270, 470, 570) is sealed.

IPC 8 full level
H01M 10/42 (2006.01); **H01M 50/16** (2021.01); **H01M 50/166** (2021.01); **H01M 50/186** (2021.01); **H01M 50/193** (2021.01); **H01M 50/645** (2021.01)

CPC (source: EP KR US)
H01M 10/425 (2013.01 - EP KR US); **H01M 50/16** (2021.01 - EP KR US); **H01M 50/169** (2021.01 - KR); **H01M 50/186** (2021.01 - EP KR US); **H01M 50/193** (2021.01 - EP KR US); **H01M 50/531** (2021.01 - KR); **H01M 50/572** (2021.01 - KR); **H01M 50/645** (2021.01 - EP KR US); **H01M 50/169** (2021.01 - EP US); **Y02E 60/10** (2013.01 - EP KR); **Y02P 70/50** (2015.11 - EP KR)

Citation (search report)
• [X] EP 2393138 A1 20111207 - SAMSUNG SDI CO LTD [KR]
• [X] EP 2254174 A1 20101124 - SAMSUNG SDI CO LTD [KR]
• [A] EP 1492176 A1 20041229 - MATSUSHITA ELECTRIC IND CO LTD [JP]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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DOCDB simple family (application)
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